1st and Final bill

Name of work: Construction of cc roads and drains at Ambedkarnagara in ward no-04

Work Order No: EE (Project) YNK Zone/ W.o/ 107 /2017-18 dt: 2-1-2018

JOB NUMBER: 004-18-000006

Estimate Cost: 50.00 lakhs

As No: BBMP / EE / Project/YNK.Z/AA/63/2017-18 dt 8-11-2017.

Ts No : BBMP / CE/YNK.Z/TS/365/2017-18 dt 10-11-2017.

Name of Contractor : Sri Y B Ramesh

PRE - MEASUREMENTS

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (Page No142., I.No.19.1 of KPWD S.R 2016-17).	Cum.							
					Measurements Recorded on 6/12/18				
	levelling and lowering				AV				
	for cc road								
	near GPS school		1	20.00	(10.2+10.2)/2	0.20	40.80		
	desilting of drains								
	near GPS school		2	20.00	(0.6+0.6)/2	0.60	14.40		
	marappa house road		2	30.00	(0.6+0.6)/2	0.60	21.60		
			2	18.00	(0.6+0.6)/2	0.60	12.96		
			2	5.40	(0.6+0.6)/2	0.60	3.89		
			2	5.90	(0.6+0.6)/2	0.60	4.25		
	bannappa house road		2	30.00	(0.6+0.6)/2	0.60	21.60		
			2	24.70	(0.6+0.6)/2	0.60	17.78		
	cross roads		1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	10.00	(0.6+0.6)/2	0.60	3.60		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	27.00	(0.6+0.6)/2	0.70	11.34		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	28.00	(0.6+0.6)/2	0.70	11.76		
			1	30.00	(0.6+0.6)/2	0.70	12.60		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	29.00	(0.6+0.6)/2	0.60	10.44		
			1	30.00	(0.6+0.6)/2	0.70	12.60		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	30.00	(0.5+0.6)/2	0.70	11.55		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	30.00	(0.5+0.6)/2	0.70	11.55		
			1	3.50	(0.6+0.6)/2	0.60	1.26		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	30.00	(0.6+0.6)/2	0.60	10.80		
			1	3.50	(0.6+0.6)/2	0.60	1.26		
			1	30.00	(0.5+0.6)/2	0.70	11.55		
			1	20.00	(0.6+0.6)/2	0.60	7.20		
							362.79		
2	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No.5/Item No. 2.3)	**cum**							
	for RCC drain								
	ambedkar nagara approach 16th A cross								
	left side		1	30.00	1.00	0.90	27.00		
			1	30.00	1.00	0.90	27.00		
			1	30.00	1.00	0.90	27.00		
			1	30.00	1.00	0.90	27.00		
			1	30.00	1.00	0.90	27.00		
			1	30.00	1.00	0.90	27.00		
			1	30.00	1.00	1.00	30.00		
			1	29.00	1.00	1.00	29.00		
	right side		1	30.00	1.00	1.00	30.00		
			1	30.00	1.00	0.90	27.00		
			1	30.00	1.00	1.00	30.00		
			1	30.00	1.00	1.00	30.00		
			1	30.00	1.00	0.90	27.00		
			1	30.00	1.00	0.90	27.00		
			1	17.00	1.00	1.00	17.00		
	culvert		1	8.30	1.50	1.00	12.45		
							421.45		

Ramaiyeeraj AE

Ramaiyeeraj AE
10/01/18

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Project Division
Yelahanka Zone
Bangalore

10/1/18

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRRB M300-53: construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification Page No. 305.4.3, No. 156/ Item No. 19.60/ PWD SR 2016-17	cum							
					AV				
			1	20.00	(10.2+10.2)/2	0.25	51.00		
							51.00		
	Deduction 15% sinkage					-	**7.65**		
	Net Qty						**43.35**		
5	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. **Providing, laying, spreading and compacting graded stones aggregate to wet mix** macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158 I.No.20.18)	cum							
					AV				
			1	16.50	(10.2+10.2)/2	0.20	33.66		
							0.00		
							33.66		

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Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix **1:3:6 with OPC cement** @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No.KBS 4.1, 4.2 (P.12/I.4.2)/ PWD SR 2016-17	Cum							
	for RCC drain								
	ambedkar nagara approach 16th A cross								
	left side		1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	29.00	1.00	0.15	4.35		
	right side		1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.15	4.50		
			1	30.00	1.00	0.12	3.60		
			1	30.00	1.00	0.12	3.60		
			1	30.00	1.00	0.15	4.50		
			1	17.00	1.00	0.15	2.55		
	culvert		1	8.30	1.50	0.15	1.87		
	for cc road		1	20.00	(10.2+10.2)/2	0.12	24.48		
							89.95		
8	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2016-17	Quintal							

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SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	for RCC drain								
	10mm dia U shap bar at 200mm c/c								
	Length = 239 Mtr = 1010 Nos								
	Each u shape bar length = 2.50 mt	10mm dia	1010	2.50			2525.00		
		10mm dia	1009	2.50			2522.50		
	8mm dia Distrubution bar at 125 mm c/c								
		8mm dia	23	238.95			5495.85		
		8mm dia	18	238.95			4301.10		
	10mm dia U shap bar at 200mm c/c								
	Length = 197 Mtr = 985+1=986 Nos								
	Each u shape bar length = 2.50 mt	10mm dia	986	2.50			2465.00		
		10mm dia	985	2.50			2462.50		
	8mm dia Distrubution bar at 125 mm c/c								
		8mm dia	23	196.95			4529.85		
		8mm dia	18	196.95			3545.10		
	for culvert								
	12mm dia U shap bar at 200mm c/c								
	Length =8.30 Mtr = 46+1 = 47 Nos								
	Each u shape bar length = 2.90 mtr	12mm dia	47	3.00			141.00		
		12mm dia	46	3.00			138.00		
	10mm dia Distrubution bar at 125 mm c/c								
		10mm dia	29	8.25			239.25		
		10mm dia	20	8.25			165.00		
	ABSTRACT								
	12mm dia bar	279.00	0.888	247.75					
	10mm dia bar	10379.25	0.617	6404.00					
	8mm dia bar	17871.90	0.395	7059.40					
				13711.15					
							13711.15		
				Qtl			137.111		

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